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(71) Applicant (for all designated States except US): **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12F, Oakland, California 94607-5700 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WONG, David, T., W.** [US/US]; 120 S. Clark Drive, Beverly Hills, California 90211 (US). **ST. JOHN, Maie, A., R.** [US/US]; 3008 Motor Avenue, Los Angeles, California 90064 (US). **LI, Yang** [US/US]; 3210 Sawtelle Boulevard #306, Los Angeles, California 90211 (US).

(74) Agent: **PARENT, Annette, S.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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(54) Title: SALIVARY MRNA PROFILING, BIOMARKERS, AND RELATED METHODS AND KITS OF PARTS

(57) Abstract: A method to detect a biomarker in saliva wherein the biomarker is an extracellular mRNA, comprises detecting the extracellular mRNA in the cell-free saliva; transcriptome analysis of saliva comprises detecting a transcriptome pattern in the cell-free saliva; a method to detect genetic alterations in an organ or in a gene in the organ by analyzing saliva, comprises detecting a transcriptome pattern and/or the mRNA profiling of the gene in cell-free saliva; a method to diagnose an oral or systemic pathology disease or disorder in a subject, comprises: detecting profile of a biomarker associated with the pathology disease or disorder, in particular mRNA and/or protein, in cell-free saliva and/or serum; kits comprising identifier for at least one biomarker for performing at least one of the methods; and use of salivary biomarker salivary and/or serum mRNAs as biomarkers for oral and/or systemic pathology, disease or disorder.



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